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CONFIDENTIAL

Ralph

File: Destructor Sys, [redacted] 25X1

30 October 1958

MEMORANDUM FOR THE RECORD

SUBJECT: [redacted] Destructor Tests 25X1

1. On 30 October 1958 the undersigned conducted tests at the [redacted] Testing Grounds to determine a reliable method of making primacord connections using plastic Tee connectors. Similar tests were tried on 8 October 1958 with one failure resulting from 101 Tee connections. 25X1

2. In todays tests five (5) main lines (50 ft. long) were layed out on the ground with 20 branches connected to each one. Tee connectors and short end caps were used in making the [redacted] 25X1

All primacord lengths were placed in a jig to insure a 90° cut with a sharp razor blade. Before a short end cap was crimped on (the crimp being placed between the reference lip and the open end of the cap), the end of each primacord branch line was inspected to make certain that no PETN had fallen out and left an air gap.

3. No failures occurred and the above procedure is considered to be the one which will give reliable connections.

[redacted] 25X1

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